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| * | ew | AA* | US-3,399,149 | 08-27-1966 | Carty et al. | |
| - | UL | A8* | US-3,832,301 | 06-27-1974 | Lazare et al. | |

| | ********* | FOREIG | IN PATENT I | OCUMENTS | |
|---------------------|------------|--|-----------------------------------|--|---|
| Examina indials* | Čite No | Foreign Patent Document Country Code ² Austbey ² Knd Code ² if Empire) | Publication Date MM-OD-YYYY | Name of Patentes or Applicant of Cited Document | Pages, Columbs, Livies, Whore Relevant Passespes On Relevant Pigures, Anglear |
| W | BA | EP-0779337-A1 | 06-18-1997 | | |

| | ************ | NON PATENT LITERATURE DOCUMENTS | |
|--------------------|--------------|--|----|
| Examiner Impals | Cite No.1 | Include name of the suthor (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (block magazine, journal serial symposium catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | Ţï |
| eu | CA | CWORAK et al., Macromol. Chem. Phys., Vol. 196, pp. 1963-1970, (1995). | |

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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | Kind | DATE | NAME | CLASS | SUB CLASS | PILING DATE IF APPROPRIATE |
|---------------------|-----------------|------|---------------------------------------|--------------------|-------|--------------|-------------------------------|
| . | • | | | | | | |
| ex | US 4,722,816 | | 1988-02-02 | Ueno et al. | | | |
| evi | US 4,465,799 | | 1984-08-14 | Platkiewicz et al. | | | |
| en | US 4,049,861 | | 1977-09-20 | Nozari | | | |
| | US | | | | | | |
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FOREIGN PATENT DOCUMENTS

| ' | Office | DOCUMENT NUMBER | Kind | DATE | COUNTRY | CLASS | SVB CLASS | | LATION |
|-----|--------|--------------------|------|------------|---------|-------|--------------|-----|--------|
| | | NOMBER | 1 1 | | | l l | | YES | NO |
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| ev | | WO99/42513 | A1 | 1999-08-26 | PCT | | | | |
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OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magasine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

| er | English language | abstract o | of JP 60 | 130644 | A (1985-07-12). | | | |
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| - | INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) | | | | | | | | APPLICANT MIYANAGA, Seii | CONF. NO. | | | | |
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| | | | | | | | U | .S. PATENT I | OCUMENTS | | | | | |
| EXAMINER TITTIAL | DOCUMENT NUMBER | | | | BER | | DATE | NAME | CLASS | SUB CLASS | FILIN IF APP | G DATE ROPRIATE | | |
| PK | 4 | 3 | 6 | 0 | 6 | 4 | 5 | 1982-11-23 | Krespan et al. | | | | | |
| PK | 4 | 3 | 8 | 4 | 1 | 2 | 8 | 1983-05-17 | Krespan et al. | | | | | |
| er | 5 | 1 | 8 | 0 | 8 | 5 | 6 | 1993-01-19 | Stehr et al. | | | | | |
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| m | A2 | 2 | 3 | 5 | 9 | 2 | 6 | 1990-09-18 | JP | | - | ` 856 | | |
| en | A2 | 1 | 9 | 6 | 8 | 2 | 5 | 1990-08-3 | JP | | _ | 1645 | | |
| w | A | 9 | 5 | 2 | 9 | 7 | 8 | 1997-02-25 | JP | | | abs | | |
| m | . А | 9 | 2 | 5 | 4 | 4 | 0 | 1997-01-28 | JP | | - | abs | <u>. </u> | |
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| THER | DOCUM | EN | TS | (Inc | lude F | | f the auth | or (in Capital Letters). | title of the article (when approp | oriate), ti | tle of the 1 | tem (book, i | magazine. | |
| nal, serial | l, symposiu | m, ca | talog | , eto | .) dan | te, pa | ge (s) , vol | ume-issue number(s), publ | isher, city and/or country where | published. | | | | |
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